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((disk or drive) with (interleav\$3 or alternat\$4)) same ((least significant bit) with ((disk or drive) with select\$4 with bit))	0

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<u>L5</u>	((disk or drive) with (interleav\$3 or alternat\$4)) same ((least significant bit) with ((disk or drive) with select\$4 with bit))	0	<u>L5</u>
	<i>DB=PGPB,USPT; PLUR=YES; OP=ADJ</i>		
<u>L4</u>	((disk or drive) with (interleav\$3 or alternat\$4)) same ((least significant bit) with ((disk or drive) with select\$4 with bit))	1	<u>L4</u>
<u>L3</u>	((disk or drive) near6 (interleav\$3 or alternat\$4)) same ((least significant bit) near8 ((disk or drive) near4 select\$4 near4 bit))	0	<u>L3</u>
<u>L2</u>	L1 and (strip\$4 near6 control\$4)	120	<u>L2</u>
<u>L1</u>	BIOS and (IDE or ATA or integrated drive electronics)	10377	<u>L1</u>

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IEEE JNL IEEE Journal or Magazine

IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

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Terms used

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Best 200 shown

F

1 [Fast detection of communication patterns in distributed executions](#)

Thomas Kunz, Michiel F. H. Seuren

November 1997 **Proceedings of the 1997 conference of the Centre for Advanced Studies on C research**

Full text available:  [pdf\(4.21 MB\)](#)


Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Understanding distributed applications is a tedious and difficult task. Visualizations based on proc are often used to obtain a better understanding of the execution of the application. The visualizat Poet, an event tracer developed at the University of Waterloo. However, these diagrams are ofter and do not provide the user with the desired overview of the application. In our experience, such repeated occurrences of non-trivial commun ...

2 [Interactive Editing Systems: Part II](#)

Norman Meyrowitz, Andries van Dam

September 1982 **ACM Computing Surveys (CSUR)**, Volume 14 Issue 3


Full text available:  [pdf\(9.17 MB\)](#)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

3 [An optical system for full text search](#)

P. A. Mitkas, P. S. Guilfoyle

May 1989 **ACM SIGIR Forum , Proceedings of the 12th annual international ACM SIGIR co Research and development in information retrieval**, Volume 23 Issue 1-2

Full text available:  [pdf\(1.20 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index te](#)

In this paper we propose a full text search system based on optics. The storage and processing of are performed by an optical back-end system to an electronic computer. In this way we can take speed and parallelism of digital optical processing. Using the proposed configuration we show how implement a set of text processing operations using lasers, spatial light modulators and photodete

4 [Risks to the public in computers and related systems](#)

Peter G. Neumann

April 1990 **ACM SIGSOFT Software Engineering Notes**, Volume 15 Issue 2

Full text available:  [pdf\(2.07 MB\)](#)

Additional Information: [full citation](#), [index terms](#)

5 [Pen computing: a technology overview and a vision](#)

André Meyer

July 1995 **ACM SIGCHI Bulletin**, Volume 27 Issue 3

Full text available:  [pdf\(5.14 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)

This work gives an overview of a new technology that is attracting growing interest in public as well as the computer industry itself. The visible difference from other technologies is in the use of a pen or paper as the primary means of interaction between a user and a machine, picking up the familiar pen and paper metaphor. From this follows a set of consequences that will be analyzed and put into context with existing technologies and visions. Starting with a short historic ...

6 [An audio input-output computer system for medical information](#)

Michael Otten, Scott I. Allen, Perry Plexico, William C. White

August 1969 **Proceedings of the 1969 24th national conference**

Full text available:  [pdf\(754.84 KB\)](#)


Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

An experimental telephone-based input-output system, using low-cost audio response equipment implemented on a medium-sized real-time computer. This system enables update of audio vocabulary at a remote telephone terminal, which is a major feature simplifying program and data base modification. Signals are processed with an analog-to-digital converter at the rate of 10,000 samples per second using a delta modulation program to one bit per sample, and stored on a ...

7 [A personal view of the personal work station: some firsts in the Fifties](#)

Douglas Ross

January 1986 **Proceedings of the ACM Conference on The history of personal workstations**


Full text available:  [pdf\(4.26 MB\)](#)

Additional Information: [full citation](#), [references](#), [index terms](#)

8 [Voice response systems](#)

D L. Lee, F H. Lochovsky


December 1983 **ACM Computing Surveys (CSUR)**, Volume 15 Issue 4

Full text available:  [pdf\(2.22 MB\)](#)

Additional Information: [full citation](#), [references](#), [index terms](#)

9 [Conference abstracts](#)

January 1977 **Proceedings of the 5th annual ACM computer science conference**

Full text available:  [pdf\(3.14 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [index terms](#)

One problem in computer program testing arises when errors are found and corrected after a program has run properly. How can it be shown that a fix to one area of the code does not adversely affect another area? What is needed is a quantitative method for assuring that new program modifications do not introduce new errors into the code. This model considers the retest philosophy that every program could possibly be reached and tested from the ...

10 [File servers for network-based distributed systems](#)

Liba Svobodova

December 1984 **ACM Computing Surveys (CSUR)**, Volume 16 Issue 4

Full text available:  [pdf\(4.23 MB\)](#)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#), [reviews](#)

11 [The use of memory in text processing](#)

Michael Lebowitz

December 1988 **Communications of the ACM**, Volume 31 Issue 12

Full text available:  [pdf\(2.01 MB\)](#)


Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

The performance of a natural language processing system should improve as it reads more and more text, true both for systems intended as cognitive models and for practical text processing systems. Perceptual memory should be useful during all stages of text understanding. For example, if, while reading a text about a new disk drive, a system can retrieve information about similar objects from memory, processing is simplified. However, most natural language ...

12 [Risks to the public in computers and related systems](#)

Peter G. Neumann

- 13 The implementation of Etude, an integrated and interactive document production system
Michael Hammer, Richard Ilson, Tim Anderson, Edward Gilbert, Michael Good, Bahram Niamir, Larry Schoichet
June 1981 **ACM SIGPLAN Notices , Proceedings of the ACM SIGPLAN SIGOA symposium on manipulation**, Volume 16 Issue 6

Full text available:  [pdf\(1.03 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Etude is an experimental text processing system that is being developed in order to formulate and approaches to the design of user interfaces for office automation tools. The primary design goal is to provide the user with substantial functionality in the editing and formatting of documents in the system that is easy to learn and use.

- 14 WYLBUR: an interactive text editing and remote job entry system
Roger Fajman, John Borgelt
May 1973 **Communications of the ACM**, Volume 16 Issue 5


Full text available:  [pdf\(1.06 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

WYLBUR is a comprehensive system for manipulating all kinds of text, such as computer program manuscripts, using typewriter terminals connected to a computer. It has facilities for remote job entry as well as facilities for text alignment and justification. A powerful method for addressing text by line is provided. This paper describes the external appearance of WYLBUR as well as its internal structure. A description of the major features of ORVYL, a general purpose text editor, is also given.

Keywords: content addressing, data entry, document preparation, interactive terminal, interactive online text editing, program preparation, remote job entry, remote job retrieval, remote terminal, terminal system, text editing, time-sharing

- 15 Relational Database Systems
Won Kim
September 1979 **ACM Computing Surveys (CSUR)**, Volume 11 Issue 3

Full text available:  [pdf\(2.67 MB\)](#)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

- 16 A cryptographic file system for UNIX
Matt Blaze
December 1993 **Proceedings of the 1st ACM conference on Computer and communications security**

Full text available:  [pdf\(955.62 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Although cryptographic techniques are playing an increasingly important role in modern computing, user-level tools for encrypting file data are cumbersome and suffer from a number of inherent vulnerabilities. The Cryptographic File System (CFS) pushes encryption services into the file system itself. CFS supports encryption at the system level through a standard Unix file system interface to encrypted files. Users associate a key with the directories ...

- 17 The SMART lab report
Mike Lesk, Donna Harman, Edward A. Fox, Harry Wu, Chris Buckley
April 1997 **ACM SIGIR Forum**, Volume 31 Issue 1

Full text available:  [pdf\(1.65 MB\)](#)

Additional Information: [full citation](#), [index terms](#)

- 18 Illustrative risks to the public in the use of computer systems and related technology
Peter G. Neumann
January 1996 **ACM SIGSOFT Software Engineering Notes**, Volume 21 Issue 1

19 Discourse III: Topic essentials

Udo Hahn, Ulrich Reimer

August 1986 **Proceedings of the 11th conference on Computational linguistics**

Full text available:  pdf(743.63 KB)


Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

An overview of TOPIC is provided, a knowledge-based text information system for the analysis of texts. TOPIC supplies text condensates (summaries) on variable degrees of generality and makes acquired from the texts. The presentation focuses on the major methodological principles underlying TOPIC: a frame representation model that incorporates various integrity constraints, text parsing cohesion and text coherence properties of expo ...

20 Personal computer networks and graphical animation: Rationale and practice for education

Marc Brown, Norman Meyrowitz

February 1983 **ACM SIGCSE Bulletin , Proceedings of the fourteenth SIGCSE technical symposium: Computer science education**, Volume 15 Issue 1

Full text available:  pdf(1.34 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index](#), [table of contents](#)

This paper examines how progress in computer hardware and software may be applied to solve some problems in teaching computer science courses. It is concerned primarily with two such problems: immediate reinforcement of computing concepts because of long delays between learning and practice; and difficulty instructors have motivating and explaining complex topics with currently available instructional techniques. The paper first reviews the involvement ...

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